Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 07 Dec 2020 until 23:59 on Tuesday 08 Dec 2020

Forecast Issued on Monday 07 Dec 2020 at 00:16

Confidence: There is uncertainty over the extent of cloud cover through Monday but there is better confidence of poorer conditions on Tuesday. Confidence for details in the forecast decreases markedly through mid week with some large changes possible.

Headline for Monday 07 Dec 2020: A cloudy start with mist and fog, then dry and bright.

Mountain weather hazards on Monday 07 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
00%	00%	00%	00%	00%	10%

Forecast for Monday 07 Dec 2020

Weather: A dry and cold start to Monday with extensive fog within the valleys but some sunshine at height. The fog will be slow to clear in places but will lift and break, giving cloudier conditions at height, particularly during the evening.

Chance of cloud free mountain/hill tops above 600m: 90% through the bulk of the morning, with most cloud below 300m. Falling 20% during the afternoon as the fog lifts and turns into low cloud.

Visibility: Fog conditions in the valleys but some very good views at height initially, deteriorating as cloud lifts, with neighbouring hills occasionally obscured.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 07 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/5 S	5/7 NE	4/6 NE	7/9 W	9/13 SW	11/15 SW	13/19 SW
300	2/3 E	3/6 NE	3/5 NW	5/7 SW	6/9 SW	8/11 SW	8/12 SW
Valley	5/6 E	3/5 NE	2/5 NW	2/7 W	3/7 SW	3/8 S	4/10 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-3	-1/-4	-0/-3	-1/-4	-1/-5	-1/-6	-0/-6
300	1/-1	0/-1	1/-0	2/-1	1/-2	1/-3	1/-3
Valley	0/-2	0/-2	2/1	1/-0	0/-1	1/-1	1/-1
Freezing Level*	300m	300m	400m	400m	400m	400m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Chilly with freshening westerly winds later in the day. Some uncertainty over cloud cover.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 07 Dec 2020	8.6mm	13.8mm	13.8mm

Forecast for Tuesday 08 Dec 2020

Weather: Thickening cloud will bring spells of snow (initially as low as 300-400m) through morning, this quickly turning to rain at all levels. Most of this will clear by midday leaving a little patchy rain through the rest of the day but plenty of dry weather. Cloud cover will continue to be mostly extensive although some late afternoon brightness is possible.

Maximum wind: South-westerly 15-20mph.

Chance of cloud free mountain/hill tops above 600m: 20% with cloud rather extensive above 500m. Perhaps improving 60% for a time through late afternoon as cloud breaks, but this is uncertain.

Visibility: Very variable with height, no issues at low levels but generally limited to a kilometre or so above the cloud base and often much less.

Temperature: **Valleys:** 3-5C.
At 600m: Around freezing.
Freezing level: Above summits.

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